Adjectives dear to the hearts of designers of tomorrow's planes!

They're favorite adjectives of ours, too - terms in which we've long been working. Here they are - and a list of Goodyear developments to which these well-chosen words have been applied.

"WEIGHT-SAVING:" • Wave-Type Wheel Design

- Tubeless Airplane Tires
- Inflatable Structural Fabric
- Famed Disc-Type Brakes
- Pliocel Fuel Cells
- Forged Airplane Wheels
 - Diaphragm-Actuated Fuel Systems & Expeller Bags for Missiles

"AUTOMATIC:

- Cross-Wind Landing Wheels Anti-Skid Device
- Double-Break Fabric which ruptures under predetermined shock loading while base fabric remains unimpaired.
- Iceguards, the world's first fully automatic system of ice-detection and

"DEPENDABLE:"

The most important term any aviation product can earn, applied to every one of these Goodyear developments-the result of engineering excellence and proved performance! Goodyear, Aviation Products Division, Akron 16, Ohio and Los Angeles 54, California

Piscost, Secguard .- T. M. 's.





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AERONAUTICAL ENGINEERING

On the Research Frontier . . .

Engineers Probe Barriers to IBM Flight

By David A. Anderton



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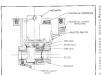


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